



October 16, 2008



Mr. William Shane
Surface Water Permits Branch
Division of Water
Frankfort Office Park
14 Reilly Road
Frankfort, KY 40601

Subject: Requested Information for KPDES Permit Application
KPDES No.: KY0026611
Otis B. Chaney Wastewater Treatment Plant (Pitman Creek)
Somerset, Kentucky

Dear Mr. Shane:

This letter transmits the additional information requested for the KPDES permit application in your letter to Mayor Eddie Girdler dated September 18, 2008. Since receipt of the letter, the City of Somerset has sampled and analyzed their plant effluent for the parameters requested. The data has been added to the KPDES permit application page 8 that is attached.

If you have any questions or need any further information, please contact me or the City of Somerset.

Sincerely,

Thomas R. Schaffer, P.E.
Water/Wastewater Section Manager

Attachments

Cc: Charles Dick, City of Somerset
Gary Epperson, City of Somerset

c. If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

| | Schedule | Actual Completion |
|-----------------------------|------------|-------------------|
| Implementation Stage | MM/DD/YYYY | MM/DD/YYYY |
| -- Begin construction | 08/01/2008 | ___/___/___ |
| -- End construction | 02/01/2010 | ___/___/___ |
| -- Begin discharge | 02/01/2010 | ___/___/___ |
| -- Attain operational level | 06/01/2010 | ___/___/___ |

e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? ☐ Yes ☐ No (in process)

Describe briefly: Construction permit application will be submitted to KDOW in next couple weeks.

B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 001

| POLLUTANT | MAXIMUM DAILY DISCHARGE | | AVERAGE DAILY DISCHARGE | | | ANALYTICAL METHOD | ML / MDL |
|---|-------------------------|-------|-------------------------|-------|-------------------|-------------------|----------|
| | Conc. | Units | Conc. | Units | Number of Samples | | |
| CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS. | | | | | | | |
| AMMONIA (as N) | 7.47 | mg/l | 2.74 | mg/l | 36 | EPA 350.1 | 0.1 |
| CHLORINE (TOTAL RESIDUAL, TRC) | 0.001 | mg/ | 0 | mg/l | 36 | SM 4500-CLG | 0.001 |
| DISSOLVED OXYGEN | 8.2 (mln) | mg/l | 9.3 | mg/l | 36 | SM 4500-06 | 0.1 |
| TOTAL KJELDAHL NITROGEN (TKN) | 3.42 | mg/L | 2.73 | mg/L | 3 | EPA 351.2 | 1 |
| NITRATE PLUS NITRITE NITROGEN | 13.3 | mg/L | 13.0 | mg/L | 3 | EPA 300.0 | 0.100 |
| OIL and GREASE | 2 | mg/l | 2 | mg/L | 3 | EPA 1664 A | 2 |
| PHOSPHORUS (Total) | 5.85 | mg/l | 4.44 | mg/l | 36 | EPA 365 | 0.0094 |
| TOTAL DISSOLVED SOLIDS (TDS) | 492 | mg/L | 452 | mg/L | 3 | SM 2540 C | 1 |
| OTHER | | | | | | | |

END OF PART B.

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM A YOU MUST COMPLETE